

METHOD OF PRODUCING CERAMIC

ABSTRACT OF THE DISCLOSURE

A ceramic powder of grains having a shape-anisotropy is mixed with a calcined or uncalcined (or both) powder of a ceramic raw material. A ceramic slurry containing the produced mixed powder, a solvent and a binder is prepared and the ceramic slurry is formed into a sheet. A laminate comprising a plurality of the sheets laminated to each other is uniaxially pressed to form an oriented product in such a manner that the length of the laminate in the direction parallel to the pressing axis becomes larger than that before the pressing, and the area of a plane perpendicular to the pressing axis of the laminate becomes larger than that before the pressing. The oriented formed product is fired and sintered.